

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/583,088
Source: 1FwP
Date Processed by STIC: 6/26/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/583,088

TIME: 13:38:51

Input Set : A:\PCTIE2004C04022.seq.list.ST25.txt
Output Set: N:\CRF4\06262006\J583088.raw

5 <110> APPLICANT: BIO-RAD Pasteur
 9 <120> TITLE OF INVENTION: Oligonucleotides for the detection of hepatitis B virus
 12 <130> FILE REFERENCE: BET 04P1080
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/583,088
 C--> 16 <141> CURRENT FILING DATE: 2006-06-15
 16 <160> NUMBER OF SEQ ID NOS: 15
 20 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 26 <211> LENGTH: 3215
 28 <212> TYPE: DNA
 30 <213> ORGANISM: Hepatitis B virus
 34 <400> SEQUENCE: 1

Does Not Comply
 Corrected Diskette Ne
 see pp 2-4

35	ctccaccact	ttccaccaaa	ctcttcaaga	tcccagagtc	aggccctgt	acccctgc	60
37	tggtgctcc	agttcaggaa	cagttagccc	tgctcagaat	actgtctctg	ccatatcg	120
39	aatcttatcg	aagactgggg	accctgtgcc	gaacatggag	agcatcgcat	caggactcct	180
41	aggacccctg	ctcggttac	aggcggtt	tttcttgg	acaaaaatcc	tcacaatacc	240
43	acagagtcta	gactcggtt	ggacttctct	caatttctta	ggggaaacac	ccgtgtgtct	300
45	tggccaaaat	tcgcagtccc	aaatctccag	tcactcacca	acctgtgtc	ctccaaactt	360
47	tcctggttat	cgctggatgt	gtctggcg	ttttatcatc	ttctctgc	tcctgctgt	420
49	atgcctcatt	ttcttgg	ttcttcttgc	ctatcaaggt	atgttgc	tttgcctct	480
51	aattccagga	tcatcaacca	ccagcacggg	accatgcaag	acttgcacag	ctcctgctca	540
53	aggaacctct	atgtttccct	catgttgc	tacaaaacct	acggacggaa	actgcacct	600
55	tattcccatc	ccatcatctt	gggcattcgc	aaaatacctt	tgggagtgg	cctcagtcg	660
57	tttcttcttgc	ctcagtttac	tagtgcatt	tgttcagtgg	ttcgtagggc	tttccccac	720
59	tgtctggctt	tcaatgtat	ggatgtatgt	gtttgggg	ccaagtctgt	acaacatctt	780
61	gagtcccttt	ataccgctgt	taccaatttt	ctttgtctt	tgggtataca	tttaaaccct	840
63	cacaaaacaa	aaagatgggg	atattccctt	aacttcatgg	gatatgtat	tgggagttgg	900
65	ggcacattgc	cacaggaaca	tattgtacaa	aaaatcaaaa	cgttttttag	gaaacttct	960
67	gtaaacaggc	ctattgattt	gaaagtatgt	caacgaattt	tgggtctttt	ggggtttgc	1020
69	gcccccttca	cgcaatgtgg	atatcctgt	ttaatgcctt	tatatgcatg	tatacaagca	1080
71	aaacaggcctt	ttactttctc	gccaaacttac	aaggccttc	taagtaaaca	gtatctgaac	1140
73	ctttaccccg	ttgctggca	acggcctgg	ctgtcacaag	tgttgcgt	cgcaaccccc	1200
75	actgggtggg	gcttggccat	aggccatcag	cgcatcg	gaaccttgc	gtctcctct	1260
77	ccgatccata	ctgcggaaact	cctagccgt	tgtttgtc	gcagcagg	tggggcaaaa	1320
79	ctcatcgga	ctgacaattt	tgtcggtc	tcccgcaat	atacatcctt	tccatggct	1380
81	ctaggctgt	ctgccaactt	gatctgc	gggacgtt	ttgttacgt	cccggtggcg	1440
83	ctgaatcccg	cgacgacacc	ctccccgggc	cgcttgggc	tctaccgccc	gcttcctcc	1500
85	ctgttgtacc	gaccgaccac	ggggcgcacc	tctcttacg	cgactcccc	gtctgtgc	1560
87	tctcatctgc	cgacccgtgt	gcacttcgt	tcacccctgc	acgtcgcat	gagaccaccc	1620
89	tgaacccca	caggaacctg	cccaaggct	tgcataagag	aactcttgg	ctttcagcaa	1680
91	tgtcaacgc	cgaccttgc	gcataactca	aagactgtgt	gttactgag	tgggaggagt	1740
93	tgggggagga	ggttaggtt	atgatcttgc	tactaggagg	ctgttaggc	aaattggtc	1800
95	gttcaccagc	accatgcaac	ttttcacct	ctgcctaattc	atctttgtt	catgtcctac	1860

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/583,088

DATE: 06/26/2006
TIME: 13:38:51

Input Set : A:\PCTIB2004004022 seq list.ST25.txt
Output Set: N:\CRF4\06262006\J583088.raw

97 tggcaagcc tccaaatgtgt gccttgggtg gctttggac atggacatgg acccgataa	1920
99 agaattttgga gcttctgtgg agttactctc tttttgcct tctgacttct ttccctgctgt	1980
101 tcgagatctc ctcgacacccg cctctgtct gtatcgggag gccttagagt ctccgaaaca	2040
103 ttgttaccc caccatccgg caatcaggca agctattctg tgggtgggtg agttgatgaa	2100
105 tctagccacc tgggtggaa gtaatttggaa agatcaagca tccaggact tagtagtcag	2160
107 ctatgtcaac gttatatgg gcctaaaatt cagacaacta ttgtggttc acatttcctg	2220
109 tcttacgttt gggagacaaa ctgttcttga atatttggtg tcccttggag tggattcg	2280
111 cactccctt gcatatagac caccataatgc ccctatctt tcaacacttc cgaaaactac	2340
113 tgggtttaga caaagaggca ggacccttag aagaagaact ccctcgctc gcagacgaag	2400
115 gtctcaatcg ccgcgtcgca gaagatctca atctcgggaa tctcaatgtt agtattcctt	2460
117 ggacacataa ggtggaaac tttacttggc tttattctt tacggatct tgcttaatc	2520
119 ctaatttggca aactcttct ttccttgaca ttcatttgca ggaggacatt gttgatagat	2580
121 gtaagcaatt tggggggccc ttacagtaa atgaaaacag gagactaaaa ttaattatgc	2640
123 ctgcttaggtt ttatcccaat gttactaaat atttggccctt agataaaggg atcaaaccgt	2700
125 attatccaga gttatgttagtt aatcattact tccagacgacg acattatcca cactcttt	2760
127 ggaaggcggg gatcttatataaaagagagt ccacacgttag ccctcattt tgccggtcac	2820
129 catattctt ggaacaagat ctacagcatg ggaggttggt ctccaaacc tcgaaaaggc	2880
131 atggggacaaa atcttgcgtt ccccaatccc ctgggattct tcccgatca tcagttggac	2940
133 p:tgcatca aagccaaatc agacaatcca gattgggacc tcaacangca caaggactac	3000
135 tggccggacg catggaaaggt gggagttggga gcatctgggc cagggttcac ccctccccat	3060
137 gggggactgt tgggtggag ccctcaggct cagggcctac tcacaactgt gccagcagct	3120
139 cctcccttgc cctccaccaa tcggcagtc ggaaggcagc ctactccctt atctccacact	3180
141 ctaagagaca ctcatccaca ggcatgaag tggaa	3215
144 <210> SEQ ID NO: 2	
146 <211> LENGTH: 18	
148 <212> TYPE: DNA	
C--> 150 <213> ORGANISM: Artificial (oligonucleotide)	
W--> 154 <220> FEATURE:	
W--> 154 <223> OTHER INFORMATION: (this belongs on <223> line)	
W--> 154 <400> 2	
155 gctgaatccc gcggacga	
158 <210> SEQ ID NO: 3	
160 <211> LENGTH: 21	
162 <212> TYPE: DNA	
C--> 165 <213> ORGANISM: Artificial (oligonucleotide)	
W--> 169 <220> FEATURE:	
W--> 169 <223> OTHER INFORMATION: (this belongs on <223> line)	
W--> 169 <400> 3	
170 gtgcagaggt gaagcgaagt g	21
173 <210> SEQ ID NO: 4	
175 <211> LENGTH: 19	
177 <212> TYPE: DNA	
C--> 179 <213> ORGANISM: Artificial (oligonucleotide)	
W--> 183 <220> FEATURE:	
W--> 183 <223> OTHER INFORMATION: (this belongs on <223> line)	
W--> 183 <400> 4	
184 gttcacggtg gtcggcatg	19
187 <210> SEQ ID NO: 5	
189 <211> LENGTH: 19	

delete *insert <223>*
<223>

this belongs on <223> line

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Input Set : A:\PCTIB2004004022 seq list.ST25.txt
Output Set: N:\CRF4\06262006\J583088.raw

191 <212> TYPE: DNA
C--> 193 <213> ORGANISM: Artificial () oligonucleotide
W--> 197 <220> FEATURE:
W--> 197 <223> OTHER INFORMATION: ↴
W--> 197 <400> 5
198 gttcacgggt gttccatg 19
201 <210> SEQ ID NO: 6
203 <211> LENGTH: 21
205 <212> TYPE: DNA
C--> 207 <213> ORGANISM: Artificial () oligonucleotide
W--> 211 <220> FEATURE:
W--> 211 <223> OTHER INFORMATION: ↴
W--> 211 <400> 6
212 cgttcacgggt ggtcgccatg c 21
215 <210> SEQ ID NO: 7
217 <211> LENGTH: 21
219 <212> TYPE: DNA
C--> 221 <213> ORGANISM: Artificial () oligonucleotide
W--> 225 <220> FEATURE:
W--> 225 <223> OTHER INFORMATION: ↴
W--> 225 <400> 7
226 cgttcacgggt ggtctccatg c 21
229 <210> SEQ ID NO: 8
231 <211> LENGTH: 22
233 <212> TYPE: DNA
C--> 235 <213> ORGANISM: Artificial () oligonucleotide
W--> 239 <220> FEATURE:
W--> 239 <223> OTHER INFORMATION: ↴
W--> 239 <400> 8
240 ggagtccgcg taaagagagg tg 22
243 <210> SEQ ID NO: 9
245 <211> LENGTH: 22
247 <212> TYPE: DNA
C--> 249 <213> ORGANISM: Artificial () oligonucleotide
W--> 253 <220> FEATURE:
W--> 253 <223> OTHER INFORMATION: ↴
W--> 253 <400> 9
254 ggagaccgcg taaagagagg tg 22
257 <210> SEQ ID NO: 10
259 <211> LENGTH: 22
261 <212> TYPE: DNA
C--> 263 <213> ORGANISM: Artificial () oligonucleotide
W--> 267 <220> FEATURE:
W--> 267 <223> OTHER INFORMATION: ↴
W--> 267 <400> 10
268 ggagtctgcg taaagagagg tg 22
271 <210> SEQ ID NO: 11
273 <211> LENGTH: 22
275 <212> TYPE: DNA

RAW SEQUENCE LISTING
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Input Set : A:\PCTIB2004004022 seq list.ST25.txt
Output Set: N:\CRF4\06262006\J583088.raw

C--> 277 <213> ORGANISM: Artificial () oligonucleotide

W--> 281 <220> FEATURE:

W--> 281 <223> OTHER INFORMATION: ↴

W--> 281 <400> 11

22

282 ggagactgcg taaagagagg tg

285 <210> SEQ ID NO: 12

287 <211> LENGTH: 32

289 <212> TYPE: DNA

C--> 291 <213> ORGANISM: Artificial () oligonucleotide

W--> 295 <220> FEATURE:

W--> 295 <223> OTHER INFORMATION: ↴

W--> 295 <400> 12

32

296 cggcaggagt ccgcgtaaag agaggtgtgc cg

299 <210> SEQ ID NO: 13

301 <211> LENGTH: 32

303 <212> TYPE: DNA

C--> 305 <213> ORGANISM: Artificial () oligonucleotide

W--> 309 <220> FEATURE:

W--> 309 <223> OTHER INFORMATION: ↴

W--> 309 <400> 13

32

310 cggcaggaga ccgcgtaaag agaggtgtgc cg

313 <210> SEQ ID NO: 14

315 <211> LENGTH: 32

317 <212> TYPE: DNA

C--> 319 <213> ORGANISM: Artificial () oligonucleotide

W--> 323 <220> FEATURE:

W--> 323 <223> OTHER INFORMATION: ↴

W--> 323 <400> 14

32

324 cggcaggagt ctgcgtaaag agaggtgtgc cg

327 <210> SEQ ID NO: 15

329 <211> LENGTH: 32

331 <212> TYPE: DNA

C--> 333 <213> ORGANISM: Artificial () oligonucleotide

W--> 337 <220> FEATURE:

W--> 337 <223> OTHER INFORMATION: ↴

W--> 337 <400> 15

32

338 cggcaggaga ctgcgtaaag agaggtgtgc cg

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/26/2006
PATENT APPLICATION: US/10/583,088 TIME: 13:38:52

Input Set : A:\PCTIB2004004022 seq list.ST25.txt
Output Set: N:\CRF4\06262006\J583088.raw

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings. Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

seq#:2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/583,088

DATE: 06/26/2006

TIME: 13:38:52

Input Set : A:\PCTIB2004004022 seq list.ST25.txt
 Output Set: N:\CRF4\06262006\J583088.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
 L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:150 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
 L:154 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
 ORGANISM:Artificial Sequence
 L:154 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
 ORGANISM:Artificial Sequence
 L:154 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:154
 L:165 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
 L:169 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
 ORGANISM:Artificial Sequence
 L:169 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
 ORGANISM:Artificial Sequence
 L:169 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:169
 L:179 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
 L:183 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
 ORGANISM:Artificial Sequence
 L:183 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
 ORGANISM:Artificial Sequence
 L:183 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:183
 L:193 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
 L:197 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
 ORGANISM:Artificial Sequence
 L:197 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
 ORGANISM:Artificial Sequence
 L:197 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:197
 L:207 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
 L:211 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
 ORGANISM:Artificial Sequence
 L:211 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
 ORGANISM:Artificial Sequence
 L:211 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:211
 L:221 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
 L:225 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
 ORGANISM:Artificial Sequence
 L:225 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
 ORGANISM:Artificial Sequence
 L:225 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:225
 L:235 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
 L:239 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
 ORGANISM:Artificial Sequence
 L:239 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
 ORGANISM:Artificial Sequence
 L:239 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:239
 L:249 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
 L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>
 ORGANISM:Artificial Sequence
 L:253 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>
 ORGANISM:Artificial Sequence
 L:253 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:253
 L:263 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
 L:267 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:10, <213>
 ORGANISM:Artificial Sequence

L:267 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:10, <213>
ORGANISM:Artificial Sequence
L:267 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:267
L:277 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:281 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial Sequence
L:281 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial Sequence
L:281 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:281
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:295 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:12, <213>
ORGANISM:Artificial Sequence
L:295 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:12, <213>
ORGANISM:Artificial Sequence
L:295 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:295
L:305 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:309 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:13, <213>
ORGANISM:Artificial Sequence

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Input Set : A:\PCTIB2004004022 seq list.ST25.txt
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L:309 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:13, <213>
ORGANISM:Artificial Sequence
L:309 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:309
L:319 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:323 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213>
ORGANISM:Artificial Sequence
L:323 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:14, <213>
ORGANISM:Artificial Sequence
L:323 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:323
L:333 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:337 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213>
ORGANISM:Artificial Sequence
L:337 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213>
ORGANISM:Artificial Sequence
L:337 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:337